



# News Release

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## 3D Systems Delivers Entirely New Design Freedoms with Launch of Geomagic® Sculpt™ and Touch™

- New 3D modeling software includes haptic 3D stylus to provide 'Design You Can Touch'
- Complements existing CAD systems for more powerful workflows
- Makes 3D printing of any design file simple and seamless

**ROCK HILL, South Carolina, October 29, 2014** – [3D Systems](#) (NYSE:DDD)

announced today the immediate availability of its new [Geomagic® Sculpt™](#) 3D modeling software with [Touch™](#) haptic 3D stylus. Geomagic Sculpt erases the boundaries of solid modeling, empowering the freedom of designing complex, curvy and organic shapes. With precise positioning input and instant force feedback that mimics the sense of physical sculpting, the Touch 3D stylus adds the ability to literally feel what is being created. Touch uses the power of haptics to allow users to feel every shape, every texture and every curve in design creations. Together, they are the most intuitive way to design functional and beautiful products, and enhance existing product design workflows.

[Watch Scotty Ziegler](#), master designer, artist, and inventor, use Geomagic Sculpt and Touch to bring his ideas to reality.

### **Geomagic Sculpt with Touch 3D Stylus Features:**

**Virtual Clay Modeling** – Harness the power of virtual clay to easily create exquisitely complex and organic forms. Enjoy the ability to tug, ridge, emboss and form just like

real clay. Unlock intuitive design potential when you can feel the model using the Touch.



**Seamlessly Beautify Your CAD Models** – Geomagic Sculpt works alongside your current CAD software, so you can design like never before while working within established workflows. Geomagic Sculpt completes your design suite by adding unconstrained geometry to your existing 3D modeling tools.

**Multi-representational Design Freedom** – Geomagic Sculpt is the only software that combines the benefits of voxel modeling and Sub Divisional (SubD) surface modeling with dimension-driven sketch tools. You can create exactly the geometry you envision, using constraints where you need to and omitting them where you don't.

**Incredible Detailing Tools** - Fine tune even the smallest elements and make your products stand out. Geomagic Sculpt lets you bake textures of any complexity into virtual clay and perfect them for the ideal look and feel. Design flourishes, which are often impossible in CAD, are simple to do in Sculpt – just import any image and go.

**3D Print Ready** - Always be ready for 3D printing with Geomagic Sculpt's voxel-based modeling engine. Coupled with its automatic 3D printability analysis, Geomagic Sculpt lets you optimize designs on the fly for printing and will even check for common printability issues like feature size and proximity, flagging them so you can make changes before you print.

Geomagic Sculpt with the included Touch 3D stylus is priced at \$3,900 USD and is available immediately through 3DS' resellers of Geomagic software. A free trial of the software is also available at <http://www.geomagic.com/en/products/sculpt/overview/>

Learn more about 3DS' commitment to manufacturing the future today at [www.3dsystems.com](http://www.3dsystems.com).

## **About 3D Systems**

3D Systems is pioneering 3D printing for everyone. 3DS provides the most advanced and comprehensive 3D design-to-manufacturing solutions including 3D printers, print materials and cloud sourced custom parts. Its powerful digital thread empowers professionals and consumers everywhere to bring their ideas to life in material choices including plastics, metals, ceramics and edibles. 3DS' leading healthcare solutions include end-to-end simulation, training and integrated 3D planning and printing for personalized surgery and patient specific medical and dental devices. Its democratized 3D design and inspection products embody the latest perceptual, capture and touch technology. Its products and services replace and complement traditional methods with improved results and reduced time to outcomes. These solutions are used to rapidly design, create, communicate, plan, guide, prototype or produce functional parts, devices and assemblies, empowering customers to manufacture the future.

## **Leadership Through Innovation and Technology**

- 3DS invented 3D printing with its Stereolithography (SLA) printer and was the first to commercialize it in 1989.
- 3DS invented Selective Laser Sintering (SLS) printing and was the first to commercialize it in 1992.
- 3DS invented the ColorJet Printing (CJP) class of 3D printers and was the first to commercialize 3D powder-based systems in 1994.

- 3DS invented MultiJet Printing (MJP) printers and was the first to commercialize it in 1996.

- 3DS Medical Modeling pioneered virtual surgical planning (VSP) and its services are world-leading, helping many thousands of patients on an annual basis.

Today its comprehensive range of 3D printers is the industry's benchmark for production-grade manufacturing in aerospace, automotive, patient specific medical device and a variety of consumer, electronic and fashion accessories.

More information on the company is available at [www.3dsystems.com](http://www.3dsystems.com).